



GP/2755 #3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

(Case No. 00,011)

In re Application of:

David A. Grabelsky et al.

Serial No.: 09/584,516

Filed: May 31, 2000

For: Method for Address Mapping in a Network
Access System and a Network Access
Device for Use Therewith

Art Unit: 2755

Examiner: To Be Assigned

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TRANSMITTAL LETTER

Asst. Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In regard to the above identified application,

1. We are transmitting herewith the attached:

- a) Information Disclosure Statement;
- b) Form PTO-1449;
- c) 39 Cited References; and
- c) Postcard.

2. With respect to fees:

- a) No fee is required.
- b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.

3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Asst. Commissioner for Patents, Washington, D.C. 20231 on September 15, 2000.

Respectfully submitted,

S. Richard Carden

Registration No. 44,588

#3



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INFORMATION DISCLOSURE STATEMENT

Asst. Commissioner for Patents
Washington, D.C. 20231-9999

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103, nor is this submission to be

construed as a representation that a search has been made.

CITED REFERENCES

I. U.S. Patents

	Patent No.	Date	Name	Class	Subclass	Filing Date
1	5,793,763	08-11-98	Mayes et al.	370	389	11-03-95
2	5,636,216	06-03-97	Fox et al.	370	402	04-08-94
3	5,227,778	07-13-93	Vacon et al.	340	825.52	04-05-91
4	5,550,984	08-27-96	Gelb	395	200.17	12-07-94
5	5,867,660	02-02-99	Schmidt et al.	395	200.57	05-11-95
6	5,872,847	02-16-99	Boyle et al.	380	25	07-30-96
7	5,812,819	09-22-98	Rodwin et al.	395	500	06-05-95
8	5,708,655	01-13-98	Toth et al.	370	313	06-14-96
9	5,159,592	10-27-92	Perkins	370	85.7	10-29-90
10	6,055,236	4-25-00	Nessett et al.	370	389	03-17-99
11	6,011,782	01-04-00	DeSimone et al.	370	260	05-08-97
12	5,526,489	06-11-96	Nilakantan et al.	395	200.02	03-19-93

II. Other Documents

- 13 G. Montene, Internet Engineering Task Force, Internet Draft, "Negotiated Address Reuse" (NAR), <draft-montenegro-aatn-nar-00.txt>, May 1998, Pgs. 1 to 22.
- 14 George Tsirtsis, Alan O'Neill, Internet Engineering Task Force, Internet Draft, "NAT Bypass for End 2 End 'Sensitive' Applications," <draft-tsirtsis-nat-bypass-00.txt>, January 1998, Pgs. 1 to 5.
- 15 George Tsirtsis, Pyda Srishuresh, Internet Engineering Task Force, Internet Draft, "Network Address Translation - Protocol Translation" (NAT-PT), <draft-ietf-ngtrans-natpt-04.txt>," January 1999, Pgs. 1 to 13.
- 16 Jeffrey Lo, K. Taniguchi, Internet Engineering Task Force, Internet Draft, "IP Host Network Address (and port) Translation," <draft-ietf-nat-hnat-00.txt>, November 1998, Pgs. 1 to 13.
- 17 Michael Borella, David Grabelsky, Ikhlal Sidhu, Brian Petry, Internet Engineering Task Force, Internet Draft, "Distributed Network Address Translation," <draft-borella-aatn-dnat-01.txt>," October 1998, Pgs. 1 to 21.
- 18 P. Srisuresh, G. Tsirtsis, P. Akkiraju, A. Heffernan, Internet Engineering Task Force, Internet Draft, "DNS Extensions to Network Address Translators" (DNS_ALG), <draft-ietf-nat-dns-alg-01.txt>, October 1998, Pgs. 1 to 24.

- 19 P. Srisuresh, Internet Engineering Task Force, Internet Draft "Security for IP Network Address Translator (NAT) Domains," <draft-ietf-nat-security-00.txt>, November 1998, Pgs. 1 to 11.
- 20 P. Srisuresh, K. Eg, Internet Engineering Task Force, Internet Draft, "The IP Network Address Translator" (NAT), <draft-rfcd-info-srisuresh-05.txt>, February 1998, Pgs. 1 to 24.
- 21 P. Srisuresh, K. Egev, Internet Engineering Task Force, Internet Draft, "Traditional IP Network Address Translator (Traditional NAT)," <draft-ietf-nat-traditional-01.txt>, October 1998, Pgs. 1 to 17.
- 22 P. Srisuresh, Matt Holdrege, Internet Engineering Task Force, Internet Draft, "IP Network Address Translator (NAT) Terminology and Considerations," <draft-ietf-nat-terminology-01.txt>, October 1998, Pgs. 1 to 28.
- 23 Praveen Akkiraju, Yakov Rekhter, Internet Engineering Task Force, Internet Draft, "A Multihoming Solution Using NATs" <draft-akkiraju-nat-multihoming-00.txt>, November 1998, Pgs. 1 to 32.
- 24 R. G. Moskowitz, Internet Engineering Task Force, Internet Draft, "Network Address Translation Issues with IPsec," <draft-moskowitz-net66-vpn-00.txt>, February 6, 1998, Pg. 1 to 8.
- 25 R. Thay, N. Doraswa and R. Gle, Internet Engineering Task Force, Internet Draft "IP Security," <draft-ietf-ipsec-doc-roadmap-02.txt>, November 1997, Pgs. 1 to 12.
- 26 T. Hain, Internet Engineering Task Force, Internet Draft, "Architectural Implications of NAT," <draft-iab-nat-implications-02.txt>, October 1998, Pgs. 1 to 14.
- 27 W.T. Teo, S.W. Yeow, R. Singh, Internet Engineering Task Force, Internet Draft, "IP Relocation Through Twice Network Address Translators," <draft-ietf-nat-rnat-00.txt>," February 1999, Pgs. 1 to 20.
- 28 W.T. Teo, S.W. Yeow, R. Singh, Internet Engineering Task Force, Internet Draft, "Reverse Twice Network Address Translators" (RAT)," <draft-teoyeow-mip-rat-01.txt>," December 1998, Pgs. 1 to 20.
- 29 W.T. Teo, Y. Li, Internet Engineering Task Force, Internet Draft, "Mobile IP Extension for Private Internets Support," <draft-teoyli-mobileip-mvpn-02.txt>, February 1999, Pgs. 1 to 24.
- 30 Yakov Rekhter, Internet Engineering Task Force, Internet Draft, "Implications of NATs on the TCP/IP Architecture," <draft-ietf-nat-arch-implications-00.txt>, February 1999, Pgs. 1 to 7.
- 31 K. Egevang, and P. Francis, Internet Engineering Task Force, ("IETF"), Request for Comments ("RFC") RFC-1631, "The IP Network Address Translator (NAT)", May 1994, Pages 1 – 10.
- 32 Borella, Michael, *Technology Update – Protocol Helps Stretch IPv4 Addresses*, "Network World", Volume 17, No. 3, January 17, 2000, p. 43.
- 33 Kent, Stephen, *Evaluating Certification Authority Security*, **Aerospace Conference, 1998 IEEE, Online**, Vol. 4, pp. 319-327 (March 21-23, 1998).

- 34 Thayer, Rodney, *Bulletproof IP With Authentication and Encryption IPSec Adds a Layer of Armor to IP*, **Data Communications**, Vol. 26, No. 16, pp. 55-58, 60 (November 21, 1997)
- 35 Borella, M., Grabelsky, D., Lo, J., Tuniguchi, K., Internet Engineering Task Force, Internet Draft, "Realm Specific IP: Protocol Specification <draft-ietf-nat-rsip-protocol-.06.txt>", March 2000, Pgs. 1-48.
- 36 Borella, M., Grabelsky, D., Lo, J., Tuniguchi, K., Internet Engineering Task Force, Internet Draft, "Realm Specific IP: Protocol Specification <draft-ietf-nat-rsip-protocol-.07.txt>", July 2000, Pgs. 1-49.
- 37 Montenegro, G., Internet Engineering Task Force, Internet Draft, "RSIP Support for End-to-End IPsec," <draft-ietf-nat-rsip-ipsec-04.txt>, July 2000, Pgs. 1 to 17.
- 38 Borella, M., Lo, J., Grabelsky, D., Montenegro, G., Internet Engineering Task Force, Internet Draft, "Realm Specific IP: Framework <draft-ietf-nat-rsip-framework-.05.txt>", July 2000, Pgs. 1-30.
- 39 Borella, M., Montenegro, G., *RSIP: Address Sharing with End-To-End Security*, USENIX Conference, San Francisco, California, March 9, 2000, pgs. 1-9.

Respectfully submitted,

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Date: September 15, 2000

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